

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Docket No.: MEDIV2010-4	Application No.: 10/618,183
		Applicant: Epstein et al.	Confirmation No.: 4304
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date: July 10, 2003	Group Art Unit: 162 1636

04/16/2004

U.S. PATENT DOCUMENTS

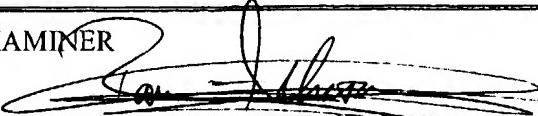
EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>N</i>	Anderson, "Human gene therapy", <i>Nature</i> , 392(6679 Supp.):25-30 (April 1998)
<i>/</i>	Bickenbach et al., "Selection and Extended Growth of Murine Epidermal Stem Cells in Culture", <i>Exp. Cell Res.</i> , 244(1):184-195 (Oct. 1998)
	Blanquaert et al., "RGTA modulates the healing pattern of a defect in a monolayer of osteoblastic cells by acting on both proliferation and migration", <i>J. Biomed. Mater. Res.</i> , 64A(3):525-532 (March 2003)
	Blume et al., "A Review of Autologous Hematopoietic Cell Transplantation", <i>Biology of Blood and Marrow Transplantation</i> , 6:1-12 (2000)
	Brugger et al., "Ex Vivo Manipulation of Hematopoietic Stem and Progenitor Cells", <i>Seminars in Hematology</i> , 37(1)(Supplement 2):42-49 (Jan. 2000)
	Check, "Cancer fears cast doubts on future of gene therapy", <i>Nature</i> , 421(6924):678 (Feb. 2003)
<i>Y</i>	Dini et al., "Peripheral Blood Stem Cell Collection from G-CSF-Stimulated Unrelated Donors for Second Transplant," <i>Bone Marrow Transplantation</i> , 22(Supplement 5):S41-S45 (1998)

EXAMINER 	DATE CONSIDERED <i>06/15/04</i>
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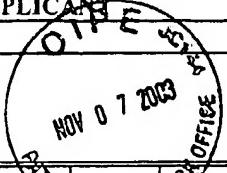
<i>PA</i>	Fielding et al., "Autologous Bone Marrow Transplantation", <i>Current Opinion in Hematology</i> , 1:412-417 (1994)
	Kanj et al., "Myocardial Ischemia Associated With High-Dose Carmustine Infusion," <i>Cancer</i> , 68:1910-1912 (Nov. 1991)
	Juengst, "What next for human gene therapy?", <i>BMJ</i> , 326(7404):1410-1411 (June 2003)
	Kmiec, "Gene Therapy", <i>American Scientist</i> , 87:240-247 (May-June 1999)
	Noishiki et al., "Angiogenic Growth Factor Release System for In Vivo Tissue Engineering: A Trial of Bone Marrow Transplantation into Ischemic Myocardium," <i>J. Artif. Organs</i> , 2:85-91 (1999)
	Perin et al., "Transendocardial, Autologous Bone Marrow Cell Transplantation for Severe, Chronic Ischemic Heart Failure", <i>Circulation</i> , 107(18):2294-2302 (May 2003)
	Simnett et al., "Autologous Stem Cell Transplantation for Malignancy: A Systematic Review of the Literature," <i>Clin. Lab. Haem.</i> , 22:61-72 (2000)
	Stamm et al., "Autologous bone-marrow stem-cell transplantation for myocardial regeneration", <i>The Lancet</i> , 361(9351):45-46 (Jan. 2003)
	Tao et al., "Evidence for transdifferentiation of human bone marrow-derived stem cells: recent progress and controversies", <i>Pathology</i> , 35(1):6-13 (Feb. 2003)
	Tomita et al., "Autologous Transplantation of Bone Marrow Cells Improves Damaged Heart Function", <i>Circulation</i> , 100(19 Suppl):II247-II256 (Nov. 1999)
	Vaughan et al., "Roundtable Discussion: Incorporating Bone Marrow Transplantation Into NCCN Guidelines," <i>Onocology</i> , 12(11A):390-392, NCCN Proceedings (Nov. 1998)
<i>RS</i>	Verma et al., "Gene therapy - promises, problems and prospects", <i>Nature</i> , 389(6648):239-42 (Sept. 1997)

EXAMINER <i>Sam Alhastan</i>	DATE CONSIDERED <i>06/15/04</i>
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SUPPLEMENTAL FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Docket No. MEDIV2010-4 (103477-44)	Serial No.: 10/618,183
Applicant(s): Epstein et al.			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date: July 10, 2003	Group Art Unit: 1632 1636



U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA 6,013,780	01/11/2000	Neufeld et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
AB	WO00/57922	10/05/2000	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

AC	S. Fuchs, et al., "Transendocardial Delivery of Autologous Bone Marrow Enhances Collateral Perfusion and Regional Function in Pigs with Chronic Experimental Myocardial Ischemia," <i>Journal of American College of Cardiology</i> , 2001, Vol. 37, No. 6, pgs. 1726-1732
AD	C. Kalka, et al., "Angiogenesis and Vasculogenesis," <i>Herz</i> , 2000, Vol. 25, No. 6, pgs. 611-622
AE	B.E. Strauer, M.D., et al., "Stem Cell Therapy in Perspective," <i>Circulation</i> , 2003, Vol. 107, pgs. 929-934

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U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
WV	AA 5,817,773	10/06/98	Wilson and Gabrilove			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)
WV	AB WO 91/04274	04/04/91	PCT			
WV	AC WO 99/00486	01/07/99	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

WV	AD	Dubrey et al., "Improvement of Echocardiographic and Electrocardiographic features in AL Cardiac Amyloidosis with Intensive Melphalan and Autologous Stem Cell Rescue" <i>Boston University School of Medicine</i> , XP-00107 135
	AE	Isner and Asahara, "Angiogenesis and vasculogenesis as therapeutic strategies for postnatal neovascularization" <i>The Journal of Clinical Investigation</i> 103 (9):1231-1236 (1999)
	AF	Karen K. Fields, "Autologous Bone Marrow Transplantation and Melanoma: A Focused Review of the Literature" <i>Annals of Plastic Surgery</i> 28 (1):70-73 (1992), XP-001069809
	AG	Noishiki et al., "Autocrine angiogenic vascular prosthesis with bone marrow transplantation" <i>Nature Medicine</i> , 2 (1):90-93 (1996)
WV	AH	Tomita et al., "Autotransplanted Mesenchymal Stem Cells Improve Functions After A Myocardial Infarction," <i>Circulation</i> 98 (17):I200 Abstract 1037

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<input checked="" type="checkbox"/>	AI	Yamauchi et al., "New agents for the treatment of infarcted myocardium" <i>The FASEB Journal</i> 10.1096/fj.99-0565fje (2000)
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EXAMINER <i>Barry Deller</i>	DATE CONSIDERED <i>06/23/04</i>
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